

ABSTRACT

Disclosed is a white light emitting diode possessing a phosphor layer to convert blue light into yellow light, provided on a blue light emitting diode, wherein the phosphor layer possesses an inorganic compound containing a phosphor, and particularly a white light emitting diode, wherein this inorganic compound is a phosphor. Also disclosed is a method of manufacturing a white light emitting diode, possessing a step of forming the foregoing phosphor layer made of an inorganic compound containing a phosphor via an aerosol deposition method. A white light emitting diode exhibiting high reliability and longer operating life, which is prepared via use of a blue LED element, can be provided by what is described above.